

OWNER'S MANUAL

INSTANT POWER™ Jump Starter & DC Power Source

THIS PRODUCT HAS A SEALED LEAD-ACID BATTERY INSIDE THAT SHOULD BE KEPT AT FULL CHARGE FOR LONGER LIFE. RECHARGE WHEN FIRST RECEIVED (EVEN IF GREEN 'FULL POWER' LIGHT GLOWS), AFTER EACH USE AND EVERY 3 MONTHS.

IMPORTANT SAFETY INSTRUCTIONS

Save these instructions

OPERATING INSTRUCTIONS

Warning: Failure to follow instructions may cause damage or an explosion. Read entire instruction manual before use.

1. Turn ignition off before making cable connections.
2. Use in a well-ventilated area.
3. Clamp the red clamp to the positive terminal of the battery. (For a negative grounded system.)
4. Clamp the black clamp to an unpainted and unmoving part of the chassis or engine block.
5. Keep clear of fan blades, belts, pulleys and other parts that may cause injury.
6. After 2 seconds, a battery status LED will light and the internal relays will click.
7. You can now crank the engine. If the engine does not start, wait at least 3 minutes before attempting to start vehicle again. (This permits the battery and relays to cool down.)
8. After the engine starts, first disconnect the black clamp and then the red clamp in that order. Store the clamps on the ears located on the sides of the case.
9. Recharge the product as soon as possible after use.
10. Never allow clamps to touch together or to contact the same piece of metal to prevent sparking.

LED INDICATORS

To check the internal battery's status, press the red button on the front of the product.

The led lights will indicate as follows:

1. A red light indicates a 50% or less charge and you should immediately recharge product.
2. A yellow light indicates a 50 to 75% charge. The product may be used but should be recharged as soon as possible.
3. A green light indicates the internal battery is fully charged.

CHARGING of internal battery with plug-in wall charger.

After removing the product from the carton, charge it overnight before using even if the green Full Power light glows.

1. To charge, plug wall charger cord into the socket on the back of the product.
2. Plug the wall charger into a 120V AC source.
3. The red light on the back of the product will glow while charging.
4. The light will glow green when the battery has reached full charge. This could take up to 72 hours on some charges due to age and condition of the battery. The charger will automatically drop into a float mode and maintain the battery at full charge.

CHARGING of IPD-1800 internal battery in cradle/tray.

After removing the IPD-1800 from the carton, charge it overnight before using even if the green Full Power light glows.

1. To charge, plug wall charger cord into the socket on the side of the cradle/tray.
2. Plug the wall charger into a 120V AC source.
3. The green "charge complete" light on the cradle/tray will glow.
4. Place the IPD-1800 in the cradle/tray.
5. The "charge complete" light will glow red while charging.
6. The light will glow green when the battery has reached full charge. This could take up to 72 hours on some charges due to age and condition of the battery. The charger will automatically drop into a float mode and maintain the battery at full charge.

WARNING: Keep moisture, flammable materials and metal away for the cradle/tray. The metal contacts are electrically live and may spark when in use.

MULTI-PURPOSE POWER SUPPLY

The product is a power source for all 12 volt DC accessories that are equipped with a cigarette lighter adapter plug. The DC socket has a 30 amp automatic overload protection circuit breaker. Reset the breaker by pushing the breaker button located on the back of the product.

Do not permit the battery in the product to freeze. Never attempt to recharge a frozen battery.

WARNING: Handling the cord on this product or cords associated with accessories sold with this product, will expose you to lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm. **Wash hands after handling.**

12 VOLT DC POWER SOURCE CHART

Appliance Type	Estimated Wattage	Estimated Time
Cell Phones	4 Watts	30 Hours
Fluorescent Lights	4 Watts	30 Hours
Radios	9 Watts	21 Hours
Depth Finders	9 Watts	21 Hours
Fans	9 Watts	21 Hours
Camcorders, VCRs, Spot Lights	15 Watts	12 Hours
Electrical Tools, Bilge Pumps	24 Watts	7 Hours
Electrical Coolers	48 Watts	3 Hours

**Car Vacuum,
Air Compressors** **80 Watts** **1.5 Hours**

When the product is used with an inverter, it can operate appliances normally powered by 120V AC . (You must purchase the inverter separately. It is not included.)

110 VOLT AC POWER SOURCE CHART

<u>Appliance Type</u>	<u>Estimated Wattage</u>	<u>Estimated Time</u>
Spot Lights, Sump Pumps	100 Watts	1.5 Hours
VCRs	100 Watts	1.5 Hours
Faxes, TVs, Small Power Tools	150 Watts	1.25 Hours
Computers, Printers, Medium Power Tools	200 Watts	45 Minutes

Note: Estimated time is conservatively reported. Actual time may vary. Times are based on the product having a full charge. Requires the use of an inverter that is not included.

STORAGE

The product can be stored in any position. To prevent accidental arcing, always keep the clamps on the grey ears when not using it to jump start a vehicle. All batteries are affected by temperature. The ideal storage temperature is at 70 degrees. Performance varies based on battery temperature conditions.

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LIMITED WARRANTY

Schumacher Electric Corporation warrants your unit to be free from defects in material and workmanship, excepting abuse or misuse, for a period of one year from the date of sale to the original user or consumer purchaser. If your unit fails or malfunctions within the first 30 days of the warranty, we will replace it with a new unit. If your unit malfunctions or fails within the 12 month warranty period because of a defect in material or workmanship, we will repair without charge.

The internal battery, excluding units with swollen batteries or melted battery terminals, carries a 90-day warranty from the date of purchase. Proof of purchase required. All battery replacements will be at the sole discretion of the manufacturer or his designated agents.

This warranty is in lieu of all other express warranties. The duration of any implied warranty, including but not limited to any implied warranty of merchantability or fitness for a particular purpose, made in respect to your unit is limited to the period of the express warranty set forth above.

For warranty service, return your product, with proof of purchase, to the factory or a designated agent: Schumacher Electric Corporation Warranty Service Department, 1025 E. Thompson Street, PO Box 280, Hoopeston, IL 60942. Phone 1-800-621-5485, Customer Service hours: 7 AM to 4 PM CST.

You will be responsible for all insurance and freight or other transportation charges to the factory or point of repair. We will return your unit freight prepaid if repair is covered under warranty. Your unit should be properly packed to avoid damage in transit, since we will not be responsible for any such damage.

In no event shall Schumacher Electric Corporation be liable for consequential or incidental damages. Some states do not allow limitations on the length of the implied warranty or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.



CONTAINS SEALED NON-SPILLABLE LEAD-ACID BATTERY. MUST BE DISPOSED OF PROPERLY.

WARNING: Possible explosion hazard. Contact with battery acid may cause severe burns and blindness. Keep out of reach of children.



Schumacher Electric Corporation
801 Business Center Drive, Mount Prospect, IL 60056-2179

Send Warranty Product Repairs to: Schumacher Electric Corporation,
1025 East Thompson, Hoopeston, IL 60942-0280.
Call Customer Service if you have questions: 1-800-621-5485.